Use Attainability Analysis

for

WBID 0322 Castile Creek

Submitted by Tetra Tech. Inc.

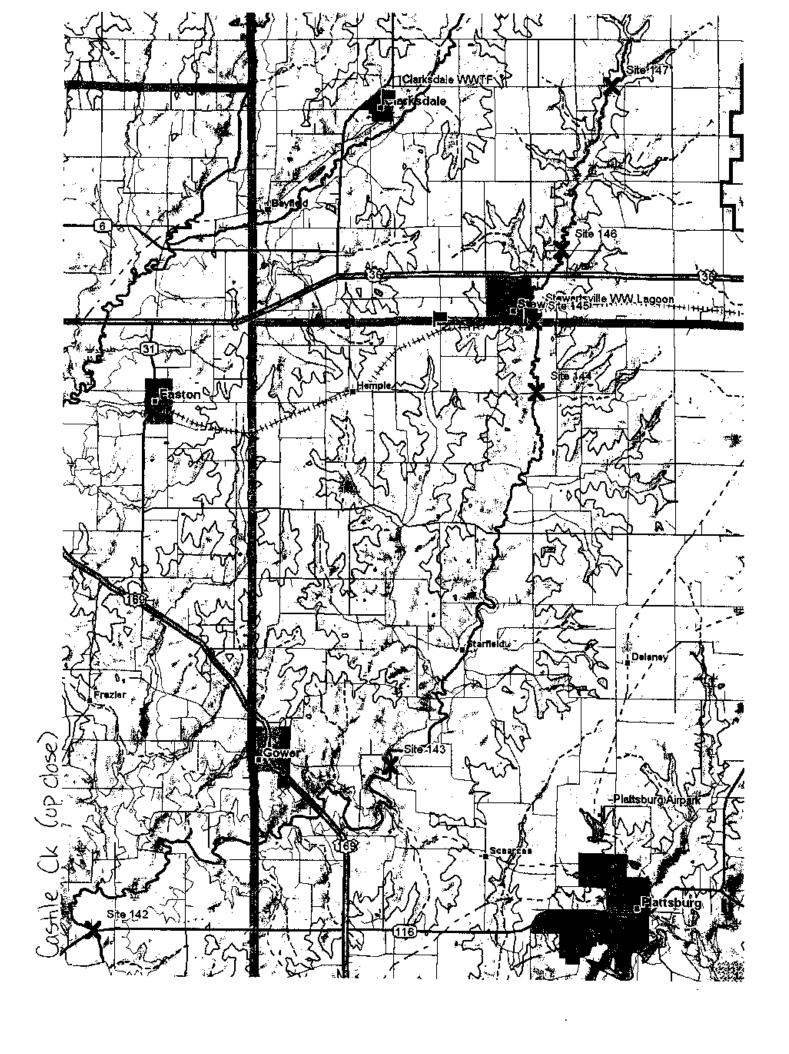
To Missouri Department of Natural Resources Water Protection Program

Data Sheet A - Water Body Identification

Data Sneet A - water Body Identification Linear Five received PROLAGO
Water Body Name: (from USGS 7.5' quad) Cashie Creek
8-digit HUC: 10240012
Missouri WBID #: 0322
county: Clinton and DeKalb
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates: (UGS 84, ddd.ddddd) 39, 80593 - 94.46205
Downstream Coordinates: (UGS 84, ddd.ddddd) 39,58142; 94.63669
Discharger Facility Name(s): GOWLY WWTF
Discharger Permit Number(s):
Number of Sites Evaluated:
Name of Surveyor and Telephone Number: DB, CG 410-356-8993
organization: Tetra Tech INC Baltimore, Ma
Position: SCIENTISTS

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:		Date: 7/2/05	
	/ // -		



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

r	· · · · · · · · · · · · · · · · · · ·						_	
	Missouri WBID #: 032	2 (site-14)	2)		Site Location Description: SE Horn Ra at			
	Site GPS Coordinates: 39	58142:94.6	366°]	* bridge crossing			
	Date & Time: 02)010				Facility Name:	Gower WW		
	Personnel: DB, CG			Permit Number:				
	Current Weather Conditions: Clear, SUNNY			Weather Conditio	ns for Past 7 days: Hot, [numid dry		
				035 Other:				
ر Us	memory card fes Observed :	\ - →	Kη	nove	d site ups	tream from ori	ginal location	
ļ	☐ Swimming ☐ Skin diving ☐ SC			□ SC	JBA diving	☐ Tubing	☐ Water skiing	
	☐ Wind surfing	☐ Kayaking	1	☐ Boa	iting	□ Wading	☐ Rafting	
	☐ Hunting ☐ Trapping ☐ Fis Describe: (include number of individuals recreating, frequency)			Fish		☐ None of the above	☐ Other:	
	308 N. 169+h Hwy Sower, MO 6 4454 * Fishing * Informed us that the stream is mostly used for fishing but has seen							
c	people cano	e on the	STRUC	im .	•	-		
Su iter	ns of interest.)	S7: (Mark all that	promote	e or im	pede recreational us	es. Attach photos of eviden	ce or unusual	
	☐ City/county parks	☐ Playgrounds	□м	DC co	nservation lands	☐ Urban areas	☐ Campgrounds	
	☐ Boating accesses	☐ State parks	וא □	ational	forests	☐ Nature trails	☐ Stairs/walkway	
	☐ No trespass sign	☐ Fence	□ St	cep slo	pes	Other:		
Ev	ridence of Human Us	e *:					٠.	
	Roads	☐ Foot paths/pri	ints	0 I	ock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
	Rope swings	☐ Camping Site	S	□F	ire pit/ring	□ NPDES Discharge	☐ Fishing Tackle	
	Other:					·		

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

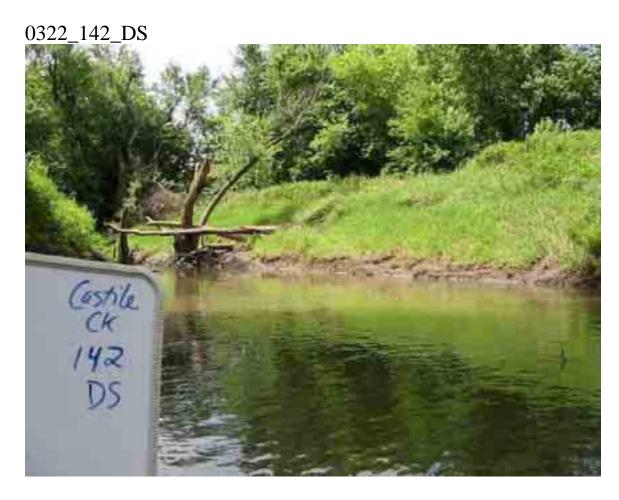
Page Two - Data Sheet B for WBID # 0322 : (514 ID - 142) Stream Morphology: Upstream View Physical Dimensions: ☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): □ Run Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (fr): Length (fr): ZDm Max. Depth (60): 0.95 m **Z**NPool Avg. Depth (ft): 0.6mFlow Estimated (ft³/sec): 4sewnds/meter Present? ☐ Yes □ No Downstream View Physical Dimensions: Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): □ Run Length (ft): Avg. Depth (ft): Max. Depth (ft): Length (16): 20 m Ki Pool Width (16): 15m Avg. Depth (ft): 0.9m Max. Depth (ft): 1.3m **Z**Flow Estimated (ft³/sec): Present? 5-seands ☐ Yes Substrate*: (These values should add up to 100%.) CG 7.2.05 % Cobble % Gravel 70 % Sand ダ30 % Silt % Mud/Clav % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) M/A Water Characteristics*: (Mark all that apply.) Odor: □ Sewage □ Musky □ Chemical **EX**None ☐ Other: Color: ☐ Green ☐ Clear ☐ Gray DXOther: brown □ Milky Bottom Deposit: □ Sludge ☐ Solids Fine sediments □ None Other: Surface Deposit: ☐ Scum Oil □ Foam None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Organization: Tetra Tech TNC Position: Scientist

QC Check 3 cG

September 29, 2004

0322_142_US





0322_142_bridge crossing



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

-		<u> </u>					<u> </u>	
Į	Missouri WBID #: 0322 (51tc-143)				Site Location Description: 284th struct/road			
ĺ	Site GPS Coordinates: 39.60900; 94.54656				at bridge crossing			
L	Date & Time: (12)U				Facility Name:	Gower WW	TÉ	
	Personnel: DB (GT				Permit Number:			
	Current Weather Conditio	ns: Clear, Su	nnv		Weather Condition	ons for Past 7 days: Hot	humid dry miny	
[Photo Ids: Upstream: 21	036 Dov	vnstrea	m: 2	037 Other	:		
Us	es Observed*:				Memor	1 card A		
		Skin diving		□ sc	JBA diving	☐ Tubing	☐ Water skiing	
	☐ Wind surfing	☐ Kayaking		□ Boa	iting	□ Wading	☐ Rafting	
I	☐ Hunting	☐ Trapping		☐ Fish	ing	None of the above	☐ Other:	
	rrounding Condition us of interest.)	tS*: (Mark all that	promo	te or im	pede recreational u	ses. Attach photos of evider	nce or unusual	
	☐ City/county parks	☐ Playgrounds		ADC co	nservation lands	☐ Urban areas	☐ Campgrounds	
	☐ Boating accesses	☐ State parks	□ N	lational	forests	☐ Nature trails	☐ Stairs/walkway	
	☐ No trespass sign	☐ Fence	□s	teep slo	pes	☐ Other:		
Εv	ridence of Human Us	e*:						
	Roads	☐ Foot paths/pr	ints		ock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
	☐ Rope swings	☐ Camping Site		□F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
	□ Other:			j		· •		
								

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Page Two - Data Sheet B for WBID # 0322 : (51tc ID - 143)

Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft):	□ Riffle \	Width (ft):		ensions: Length (ft):		Avg. Depth (ft):	Max. Depth (ft):	
Downstream View Physical Dimensions: Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): M	□ Run ¹	Width (ft):		Length (ft):		Avg. Depth (Max. Depth (ft):	
Downstream View Physical Dimensions: Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Rypol Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Rypol Width (ft): 22 m Length (ft): 20 m Avg. Depth (ft): 0.5 m Max. Depth (ft): 0.7 m Max. Depth (ft):	Pool	Width (92):	21m	Length (ft):	20m	Avg. Depth ()	b): 0.3m	Max. Depth (ft):	0.5m
Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft):	Flow 1	Present?	7			Estimated (ft		sewonds/me	
Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft):	Downstream	m View F	hvsical F	:: :imensions:		-			
Second Width (A): 22 m Length (A): 21 m Avg. Depth (A): 0.5 m Max. Depth (A): 0.7 m	1		ny sicur 12			Avg. Depth (ft):	Max. Depth (ft):	
Second S	Run	Width (ft):	_	Length (ft):		Avg. Depth (ft):	Max. Depth (ft):	<u> </u>
Ubstrate*: (These values should add up to 100%.) S	D Pool	Width (ff):	22m	Length (ft):	20 m	Avg. Depth (10.5m		0.7m
ubstrate*: (These values should add up to 100%.) S % Cobble S % Gravel 90 % Sand % Silt % Mud/Clay % Bed.	Flow	Present?				Estimated (ft			
quatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Vater Characteristics*: (Mark all that apply.)	nhatuatata (<u></u>		
Quatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Vater Characteristics*: (Mark all that apply.)	5 %	Cobble				 	% Silt T	% Mud/Clay	% Bedroc
Color: Clear Green Gray Milky Cother: Color: Sludge Solids Fine sediments None Other: Surface Deposit: Gil Green Grow Grow Grow Grow Grow Grow Grow Grow						nerical	VI None		- " ·
Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA. Latasheet is true and accurate. Date: 7/2/05									
Surface Deposit: Oil Scum Foam None Other: Comments: Please attach additional comments (including information from interviews) to this form. This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a lecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. It is the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA latasheet is true and accurate. Date: 7/2/05			- · · ·			-			· · · · · · · · · · · · · · · · · · ·
Comments: Please attach additional comments (including information from interviews) to this form. This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a ecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. It is the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA latasheet is true and accurate. Date: Date: Date:								☐ Other:	
This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a ecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. The undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA latasheet is true and accurate. Date: Date: 7/2/05		DOSIE:	Oil						
Signed:	Carret De			Scum	□ Fo	am	None	☐ Other:	·
	This information comprehensive electric on the state of the control of the contro	Please atton is not to understandi recreation using the signed, he	ach addition be used sole ing of water use analysis ereby affi	onal comment ely for removal conditions. Co but may point to rm to the be	nts (including of a recreation of a recreation on sequently, to conditions to	ng informational use design his information that need furth	on from intervation but rather is not intended to analysis or that	iews) to this form to provide a more to directly influence a effect another use.	
2 Ostron	This information of the comprehensive of the compre	Please atton is not to understandi recreation using the signed, he	ach addition be used sole ing of water use analysis ereby affi	onal comment ely for removal conditions. Co but may point to rm to the be	nts (including of a recreation of a recreation on sequently, to conditions to	ng informational use design his information that need furth nowledge, the	on from intervation but rather is not intended to analysis or that hat all inform	iews) to this form to provide a more to directly influence a effect another use.	









Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

_		•						
Į	Missouri WBID#: 032	2 (site-144	.)	Site Location Description: 348th Street at				
	Site GPS Coordinates: 3	1.72556: 94.48	724	bridge crossing Facility Name: Gover WWTF				
	Date & Time: 02)01			Facility Name:	Gover WWT	F		
	Personnel: DB, CG) ,	,	Permit Number:				
	Current Weather Condition	18: Cloudy comf	ovtable	Weather Conditio	ns for Past 7 days:	humid my rain		
	-	()니() Downstr		Weather Conditions for Past 7 days: Hot, humid, ory, vain 041 Other: 2038, 2039				
Us	Uses Observed*: mcmory card A							
	☐ Swimming	☐ Skin diving	□ sct	JBA diving	☐ Tubing	☐ Water skiing		
	□ Wind surfing	☐ Kayaking	☐ Boa	iting	☐ Wading	☐ Rafting		
	☐ Hunting	☐ Trapping	☐ Fish	ing	None of the above	☐ Other:		
	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)							
	N/A							
Su	rrounding Condition	s*: (Mark all that pro	mote or im	pede recreational us	es. Attach photos of evider	ice or unusual		
	☐ City/county parks	☐ Playgrounds ☐	MDC co	nservation lands	☐ Urban areas	☐ Campgrounds		
	☐ Boating accesses	☐ State parks ☐) National	forests	☐ Nature trails	☐ Stairs/walkway		
	No trespass sign	☐ Fence	Steep slo	pes2039	Other:			
Ev	* (MC 500) Z	e*:		side o	vurgrown plan	ts/bushes		
	Roads	☐ Foot paths/prints		ock/platform	☐ Livestock Watering	□ RV / ATV Tracks		
	☐ Rope swings	☐ Camping Sites	□F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
	☐ Other:							

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Page Two - Data Sheet B for WBID # 0322: (Site ID - 144)

Stream Mor Upstream			mensions:					
Riffle	Width (ft		Length (ft):		Avg. Depth	(ft):	Max. Depth (i	 t):
□ Run	Width (ft):	Length (ft):		Avg. Depth	(ft):	Max. Depth (1	t):
X Pool	Width (R	5: 9m	Length (ff):	20m	Avg. Depth	(80: 0.8 h	Max. Depth (j	* IIm
Flow	Present?	☐ Yes	K No		Estimated (fi		n-mlasura	
Downstre	am Viev	Physical	Dimensions:					
□ Riffle	Width (fi		Length (ft):		Avg. Depth	(ft):	Max. Depth (f	t):
□ Run	Width (f	t):	Length (ft):		Avg. Depth	(ft):	Max. Depth (f	t):
)⊠ Poot	Width (f	0: 10 M	Length (ft):	20m	Avg. Depth	(ft): 1.55	m Max. Depth (f	v: 08m
Flow	Present?	□ Yes	X No		Estimated (f		n-measu	
Substrate*:	(These va	dues should	add up to 100%.)					
9	& Cobble			90 % San	1 .	5%Silt	5 % Mud/Clay	% Bedrock
	racterist		all that apply.)				 ·	
Odor:		☐ Sewage	☐ Musky		emical	None	Other:	
Color:	<u> </u>	□ Clear	☐ Green	☐ Gra	ıy	☐ Milky	Other:	· · · · · · · · · · · · · · · · · · ·
Bottom D	- -	☐ Sludge	☐ Solids	X (Fin	e sediments	☐ None	☐ Other:	
Surface D	eposit:	□ Oil	☐ Scum	□ Fo:	am	None	Other:	
*This informal comprehensive decision on the I, the under datasheet is	tion is not understant recreations rsigned, true an	to be used so oding of wat n use analys hereby af ad accurat	olely for removal of the conditions. Con is but may point to firm to the beste.	of a recreation is equently, the conditions to t	nal use design his information hat need furth nowledge, 1	nation but rathe on is not intende ner analysis or s that all infor	erviews) to this for is to provide a moned to directly influent that effect another use mation reported	e ce a
Signed:					Date:_	7/2/	<u></u>	·
Organizatio	n:	etra -	Tech, Ir	1C .	Positio	n: <u>5616</u>	entist	
				QC	Check:	3 CG		

0322_144_US







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

_							
	Missouri WBID#: 0322, (51-6 ID-145)			Site Location Description: Y HWY atbridge			
	Site GPS Coordinates: 39	1.74767;94.1	18868		cros	ina org	
	Date & Time: 02 1010			Facility Name: GOWEY WWTF			
	Personnel: DB. CG			Permit Number:			
	Current Weather Condition	is: Sunny, With	ntable	Weather Condition	ns for Past 7 days:	umid dry rainy	
		2044 Downstr		042 Other:	•	7 77 77	
Us	es Observed*:		1	nemovy ca	ırd A		
	□ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing	
ļ	☐ Wind surfing	☐ Kayaking	□Во	uting	☐ Wading	☐ Rafting	
ĺ	☐ Hunting	☐ Trapping	☐ Fish	ing	None of the above	☐ Other:	
Su	N/A- rrounding Condition as of interest.)	S*: (Mark all that pron	note or im	pede recreational us	es. Attach photos of eviden	ce or unusual	
	☐ City/county parks	☐ Playgrounds ☐	MDC co	nservation lands	☐ Urban areas	☐ Campgrounds	
	☐ Boating accesses	☐ State parks ☐	National	forests	☐ Nature trails	☐ Stairs/walkway	
	☐ No trespass sign	☐ Fence ☐	Steep slo	ppes	☐ Other:		
Ev	idence of Human Us	e*:			·		
	Roads	☐ Foot paths/prints	i i	Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks	
	☐ Rope swings	☐ Camping Sites	D 1	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
	▼ Other: 1/5/ ()	· · · · · ·	-		-		

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Page Two - Data Sheet B for WBID # 0322: (51+C ID- 145)

Stream Morj Upstream		: hysical Dir	nensions:						
□ Riffle	Width (f		Length (ft):		Avg. Depth	(ft):	Max. Dep	th (ft):	
☐ Run	Width (f	t):	Length (ft):		Avg. Depth	(ft):	Max. Dep	th (ft): /	<u></u>
⊠(Pool	Width (f	r: 8m	Length (ft): 20	m	Avg. Depth	J. 0.35m	/ Max. Dep		
⊠(Flow	Present?		X No		Estimated (fi		- meas		
Downstre	am Vie	v Physical	Dimensions:					•	
☐ Riffle	Width (1		Length (ft):		Avg. Depth	(ft):	Max. Dep	 th (ft):	
□ Run	Width (1	t):	Length (ft):		Avg. Depth	(ft):	Max. Dep	th (ft):	
D Pool	Width (4	6: 7m	Length (ft):	20m	Avg. Depth	90:0.15m	Max. Dep		0-3m
) Flow	Present?		□ No		Estimated (f		seconds		
Substrate*:	(These v		add up to 100%.) 6 Gravel 10/) % San	d l	% Silt	% Mud/Cla	, v T	% Bedrock
Water Char	acteris	ics*: (Mark	ail that apply.)						
Odor:		☐ Sewage	☐ Musky	□ Ch	emical	None	☐ Other:		
Color:		□ Clear	☐ Green	□ Gr	ау	☐ Milky	∕X Other:	brow	/Y)
Bottom De	eposit:	□ Sludge	☐ Solids	D Fir	e sediments	□ None	☐ Other:		
Surface De	eposit:	□ Oil	□ Scum	□ Fo	am	None	☐ Other:		
*This informat comprehensive decision on the	tion is not understa recreations	to be used so nding of wate n use analysi hereby aff	tional comments olely for removal of er conditions. Consess but may point to confirm to the best e	a recreatio equently, d conditions t	nal use design his information that need furth	nation but rather i on is not intended her analysis or tha	is to provide a to directly inflat effect another	more uence a r use.	this UAA
Signed:			The second secon		Date:	7/2/0	ı-		
Organization	n:	tra Te	ch, INC	,	Positio	7/2/6 n: <u>5ci</u> 0	ntist		-
					check				

0322_145_US



032<u>2_145_</u>DS



0322_145_fireworks



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Г				Lau z z z					
	Missouri WBID #: 03	<u>22 (sitcID</u>	<u>-146)</u>	Site Location De	Site Location Description: Rogers at bridge crossing				
-	Site GPS Coordinates: 3	<u>9.76967,94</u>		2	bridge crossing				
ļ	Date & Time: 02 July	2005; 2:05;	2m	Facility Name:	Facility Name: GOWEY WWTF				
\	Personnel: DB CG	`		Permit Number:					
	Current Weather Condition	ns: Sunny LOW	botabl	Weather Condition	ons for Past 7 days: Hot, L	rumid dry rainv			
L				2047 Other					
Use	s Observed*:			men	nory card A				
	☐ Swimming ☐ Skin diving ☐ S			CUBA diving	☐ Tubing	☐ Water skiing			
Į	☐ Wind surfing	☐ Kayaking	□в	oating	☐ Wading	☐ Rafting			
ĺ	☐ Hunting ☐ Trapping			ishing	None of the above	☐ Other:			
	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)								
	NA								
1	177								
						*			
_ `									
Su	rrounding Condition as of interest.)	S*: (Mark all that pro	omote or i	mpede recreational us	ses. Attach photos of evider	ice or unusual			
1401	☐ City/county parks				/				
		 		conservation lands	Urban areas	☐ Campgrounds			
	☐ Boating accesses	<u> </u>	☐ Nation		☐ Nature trails	☐ Stairs/walkway			
	☐ No trespass sign	☐ Fence	☐ Steep s	lopes	Other:				
Ev	idence of Human Us	e*:			2045				
	☐ Roads	☐ Foot paths/print	s 🛭	Dock/platform	Livestock Watering	□ RV / ATV Tracks			
	☐ Rope swings	☐ Camping Sites		Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
	□ Other:		· · · · · · · · · · · · · · · · · · ·		·				
,	<u> </u>								

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Page Two - Data Sheet B for WBID # 0322: (Site ID-146)

Stream Morpholog Upstream View		ensio ns :		
□ Riffle Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
□ Run Width	(ft): CG 7.2.05	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool Width	con: am7	Length (M): 2011	Avg. Depth (fr):	.65m Max. Depth (187): 0.8 m
Flow Preser	1	₹ No	Estimated (fr³/sec):	non-measurable
Downstream Vi	ew Physical D	imensions:		
☐ Riffle Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Run Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool Width	or com	Length (fp): 20 m	Avg. Depth (ft):	3m Max. Depth (ft): 0.4m
Flow Presen		No.	Estimated (ft ³ /sec):	31,11
Substrate*: (These	values should add	1 up to 100%.)		·
↓D % Cobbl	c 20 % C		ıd % Sil	% Mud/Clay / 0 % Bedrock
Water Characteri	stics*: (Mark all	that apply.)		
Odor:	☐ Sewage		nemical None	Other: Manuer
Color:	☐ Clear	□ Green □ G	<u>-</u>	
Bottom Deposit:	□ Sludge	□ Solids ¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬	ne sediments 🔲 None	1 1 1
Surface Deposit:	□ Oil	□ Scum □ Fo	oam Vone	☐ Other:
*This information is necomprehensive unders	ot to be used solel	y for removal of a recreation	onal use designation but this information is not in	rather is to provide a more tended to directly influence a s or that effect another use.
I, the undersigned datasheet is true a	l, hereby affir and accurate.	m to the best of my k	nowledge, that all i	nformation reported on this UAA
Signed:	11/			2/05
Organization:	etra Tec	h, INC.	Position:	cientist
		QC	Check & CG	,

0322_146_US



0322_146_DS



0322_146_livestock watering



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID#: 0322 (5He ID-147)			Site Location Description:				
	Site GPS Coordinates: 3	7.80593:9441	6205	* Grid	ey Rd at bride	ge crossing		
)pm	Facility Name:	Gower WWT	F		
	Personnel: DB CG			Permit Number:		·		
	Current Weather Condition	ns: Sunny, com	fortable	Weather Condition	ns for Past 7 days: Hotil	numid, dry, rainy		
	Photo Ids: Upstream:	2050 Downst						
Uses Observed*: * memory card A. * moved or site to Gridley Rd. crossing all to Road closure (PIC 2048)								
	□ Swimming	🗅 Skin diving	□ sct	JBA diving	☐ Tubing	☐ Water skiing		
	☐ Wind surfing	☐ Kayaking	☐ Boa	iting	☐ Wading	☐ Rafting		
	☐ Hunting	☐ Trapping	☐ Fish		None of the above	☐ Other:		
	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)							
i	NA							
Su	rrounding Condition	S*: (Mark all that pro	mote or imp	pede recreational us	es. Attach photos of eviden	ce or unusual		
	☐ City/county parks	☐ Playgrounds ☐	MDC cor	nservation lands	☐ Urban areas	☐ Campgrounds		
	☐ Boating accesses	☐ State parks ☐	National	forests	☐ Nature trails	☐ Stairs/walkway		
	☐ No trespass sign	☐ Fence 5	Steep slo	pes 2051	Other:			
Ev	idence of Human Us	e*:	DVEX	grown ban	K5 2052	·		
	Roads	☐ Foot paths/prints	ם 🗆 ס	ock/platform	Livestock Watering	□ RV / ATV Tracks		
	☐ Rope swings	☐ Camping Sites	□F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
	Other:							

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 0322 : (5itc ID - 147)

		phology: · View Phys	sical Dim	ensions:					
				ength (ft):		Avg. Depth	(ft):	Max. Depth (ft):	,
				Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	. _ .
				Length (fr):	20m	Avg. Depth	9 0.25,	Max. Depth (ft):	0.35m
Ĺ	12 Flow	Present?	☐ Yes	D(No	•	Estimated (fi	3/sec): 1/10v		
1	Downstre	eam View P	hysical I) Dimensions:	\rightarrow	K YIOU	IAL ES	TIMATES	· · · · · · · · · · · · · · · · · · ·
	Riffle	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
•	□ Run	Width (ft):		Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	
	⊠ .P∞ol	Width (ft):	10m	Length (ft):	20m	Avg. Depth	(ft): 1.8 m	Max. Depth (fr):	1.0 m
	Flow	Present?	☐ Yes	⊠ No		Estimated (f			
Substrate*: (These values should add up to 100%.)									
		% Cobble			00 % Sar	d	% Silt	% Mud/Clay	% Bedrock
Aquatic Vocatation's									
11	quatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Some algal growth in stream								
_		1/3/	4	JOYNE	angen	growth	1 11 3 (120	44.	
L CG									
V	Vater Characteristics*: (Mark all that apply.) * VISUAL ESTIMATES								
	Odor:		Sewage	☐ Musky	□ Ct	emical	None	Other:	
и	Color:		Clear	☐ Green	☐ Gray		☐ Milky	* Other: brown	
\	Bottom D	eposit:	Sludge	☐ Solids	⊠ Fi	ne sediments	□ None	☐ Other:	
	Surface D	eposit:	(Oil Shu	∖∧ □ Scum	□ Fo	am	□ None	Other:	
Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA									
datasheet is true and accurate.									
Signed: Date: 7/2/05 Organization: Tetra Tech, INC Position: Scientist									
Organization: Tetra Tech, INC Position: Scientist								intist	
					()(. Check	2 V5 (G		

0322_147_US



0322_147_DS



0322_147_livestock watering



0322_147_road closed



0322_147_steep slopes

